	TRAN	NSMITTAL	LETTER TO THE UNITED : DO/E) CONCERNING A SUBMISS	CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER: 09812.0046					
l					U.S. APPLICATION NO. 18km/nn, 1837 P.1. 197				
		TIONAL A	PPLICATION NO. 6	INTERNATIONAL FILING DATE August 16, 2005	PRIORITY DATE CLAIMED August 19, 2004 (JP 2004-239146) August 27, 2004 (JP 2004-249366) August 27, 2004 (JP 2004-249370)				
		INVENTION D	ON ETECTOR, LENS BARREL	AND IMAGING DEVICE					
APF 1. T	LICAI	NTS FOR	DO/EO/US 2. Toshifumi TAKAOKA, 3		nori HAYASHI, 6. Tomohiro YASUI, 7. Hideki YAMAOKA and				
Арр	licants	s herewith	submit to the United States D	esignated/Elected Office (DO/EO/US) the following	owing items and other information:				
1.	\boxtimes	This is a	FIRST submission of items of	oncerning a filing under 35 U.S.C 371.					
2.		This is a	SECOND or SUBSEQUENT	submission of items concerning a submission	under 35 U.S.C. 371.				
3. 4.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31).							
5.				as filed (35 U.S.C. 371 (c)(2)).					
٥.		a. 🗆		ed only if not communicated by the Internation	al Bureau)				
		b. ⊠		by the International Bureau.	<i>30.</i> 300.				
		c. 🗆		lication was filed with the United States Recei	ving Office (RO/US)				
6.	⋈			International Application as filed (35 U.S.C. 3					
•		a. ⊠	is attached hereto.	, , , , , , , , , , , , , , , , , , ,	/ / / / / / / / / / / / / / / / / / /				
		ь. 🗆	has been previously subm	itted under 35 U.S.C. 154(d)(4).					
7.	Ø			,	U.S.C. 371 (c)(3))				
•		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). a. are attached hereto (required only if not communicated by the International Bureau).							
		b. 🗆		by the International Bureau.					
		c. have not been made; however, the time limit for making such amendments has NOT expired.							
		d. 🗷	have not been made and						
8.		An Englis	sh language translation of the	amendments to the claims under PCT Article	19 (35 U.S.C. 371 (c)(3)).				
9.			or declaration of the inventor		(
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
Item	s 11 t	to 20 belo	w concern document(s) or	information included:					
11.	⋈	Informati	on Disclosure Statement und	er 37 CFR 1.97 and 1.98 with citation and 8 d	ocuments.				
12.		An assig	nment document for recordin	g. A separate cover sheet in compliance with	37 CFR 3.28 and 3.31 is included.				
13.		A prelimi	nary amendment.						
14.		An Appli	cation Data Sheet under 37 C	FR 1.76.					
15.		A Substitute specification.							
16.		A power of attorney and/or change of address letter.							
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.							
18.		A second copy of the published International Application under 35 U.S.C. 154 (d)(4).							
19.		A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).							
20.	\boxtimes	Other ite	ms or information:						
		a. 🔯 b. 🗀 c. 🗀	Copy of cover page of Int Copy of Notification of Mis	ernational Publication No. WIPO 2006/019094 ssing Requirements.	A1.				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET								
Not Yet Assigned	NUMBER 09812.0046							
The following fees ha		CALCULATIONS	PTO Use Only					
21. BASIC NATIONAL FE	EE (37 CFR 1.492(a)):		\$300.00		\$300.00			
22. Examination fee (37C)	FR 1.492(c))		N-					
If the Written opinion prepared by	ISA/US or the International p	reliminary examination report	t prepared		\$200.00	1 1		
All other situations								
23. Search fee (37 CFR 1. If the written opinion of the ISA/US	S or the International prelimina							
	ns satisfy provisions of PCT A	rticle 33(1)-(4)	\$0	ļ	\$400.00	1 1		
	thority		\$100	ļ	V	į		
	to the US by the IB	•	\$400			i I		
All Out of Graduations	TOTAL of 21,				\$900.00	 		
Additional fee for specification	n and drawings filed in paper	over 100 sheets (excluding se						
electronic medium) (3	with 37 CFR 1.821(c) or (e) or 37 CFR 1.492(j)).		an					
The fee is \$250 for ea	each additional 50 sheets of pa	aper or fraction thereof. Number of each additional 5	50 or fraction	Rate		 		
		thereof (round up to a whol			\$750.00	1 1		
230- 100 =	130	minotion for or the path or de		x \$250.00	·			
Surcharge of \$130.00 for furnishin commencement of the national state.		nination fee, or the path of de	eclaration after the ua	ate of	\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE					
Total Claims	38 - 20 =	-	x \$50.0		\$900.00			
Independent Claims	5 -3 =	2	x \$200.0		\$400.00	!		
MULTIPLE DEPENDENT CLAIM	(S) (if applicable)		+\$360.0		\$0.00			
			AL OF ABOVE CALC	ULATIONS =	\$2950.00			
Applicant claims small entity st	tatus. See 37 CFR 1.27. Fee	es above are reduced by 1/2.			\$0.00			
		_		SUBTOTAL =	\$2950.00			
Processing fee of \$130.00 for furn 1.492(i)).	nishing the English translation	later than 30 months from th	ne earliest priority dat	e (37 CFR +	\$0.00			
			TOTAL NATI	IONAL FEE =	\$2950.00			
Fee for recording the enclosed as cover sheet (37 CFR 3.28, 3.31).		The assignment must be acc	companied by an app	propriate	\$0.00			
			TOTAL FEES E	NCLOSED =	\$2950.00			
					Amount to be refunded:	\$		
					charged:	\$		
a. 🛛 A check in the amount of	of \$2950.00 to cover the above	e fees is enclosed.			<u>-</u>			
b. Please charge my Depo A duplicate copy of this		in the amount of \$		to cover t	he above fees.			
	ereby authorized to charge an ate copy of this sheet is enclos		be required, or credit	any overpaym	nent to Deposit Acco	unt		
	to a credit card. WARNING: credit card information and au		y become public. Cre	dit card infor	mation should not	be included		
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Northington, P.O. 20004 4443 Reg. No. 25,961								
Washington, DC 20001-4413	David W. Hill, Reg. No. 28,220							
DATED: April 18, 2006	DATED: April 18, 2006 NAME/REGISTRATION NUMBER							

Γ	TRAN	ISMIT		LETTER TO THE UNITED S (DO/EC CONCERNING A SUBMISS	CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER: 09812.0048			
						U.S. APPLICATION NO. if Ingran, set 37 7R 1.50 9 7		
INTERNATIONAL APPLICATION NO. PCT/JP2005/014948					INTERNATIONAL FILING DATE August 16, 2005	PRIORITY DATE CLAIMED August 19, 2004 (JP 2004-239146) August 27, 2004 (JP 2004-249366) August 27, 2004 (JP 2004-249370)		
		SITIO		ON ETECTOR, LENS BARREL A	AND IMAGING DEVICE			
1. T	Tomoy		KEI, 2	DO/EO/US 2. Toshifumi TAKAOKA, 3. 4	. Hideo TAKAGI, 4. Yoshikazu ITO, 5. Masan	nori HAYASHI, 6. Tomohiro YASUI, 7. Hideki YAMAOKA and		
Арр	licante	here	with s	submit to the United States D	Designated/Elected Office (DO/EO/US) the follow	wing items and other information:		
1.	☒				concerning a filing under 35 U.S.C 371.			
2.					submission of items concerning a submission of			
3. 4.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31).						
5.	⊠				n as filed (35 U.S.C. 371 (c)(2)).			
J .		a.			ed only if not communicated by the International	l Bureau)		
		b.	⊠		by the International Bureau.	23.030).		
		C.			plication was filed with the United States Receivi	ing Office (RO/US).		
6.	⋈	An f	£nglis		e International Application as filed (35 U.S.C. 37	• ,		
		a.	\boxtimes	is attached hereto.				
		b.		has been previously subm	nitted under 35 U.S.C. 154(d)(4).			
7.	83	Ame	endm	ents to the claims of the Inte	rnational Application under PCT Article 19 (35 L	U.S.C. 371 (c)(3)).		
		a.			ired only if not communicated by the Internation			
		b.		have been communicated	by the International Bureau.	•		
		C.		have not been made; how	vever, the time limit for making such amendment	ats has NOT expired.		
		d.	Ø	have not been made and v	will not be made.			
8.		An F	Englis	sh language translation of the	e amendments to the claims under PCT Article 1	19 (35 U.S.C. 371 (c)(3)).		
9.		An c	oath c	or declaration of the inventor((s) (35 U.S.C. 371 (c)(4)).			
10.		An E Artic	inglis de 36	sh language translation of the 3 (35 U.S.C. 371 (c)(5)).	e annexes of the International Preliminary Exam	ination Report under PCT		
Item	15 11 (to 20 i	belov	w concern document(s) or	information included:			
11.	⊠	Infor	matic	on Disclosure Statement und	der 37 CFR 1.97 and 1.98 with citation and 8 do	cuments.		
12.		An a	assigr	nment document for recordin	ng. A separate cover sheet in compliance with 3	37 CFR 3.28 and 3.31 is included.		
13.		A pr	elimir	nary amendment.				
14.		An F	Applic	cation Data Sheet under 37 C	CFR 1.76.			
15.		A Sı	ubstiti	tute specification.				
16.	. 🗆	A pc	wer (of attorney and/or change of	address letter.			
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.						
18.		A se	cond	copy of the published Intern	national Application under 35 U.S.C. 154 (d)(4).			
19.		A se	cond	copy of the English languag	ge translation of the international application 35	U.S.C. 154 (d)(4).		
20.	⊠	Othe	er iten	ms or information:				
		 a.						

d. 🗆



U.S. APPLICATION NO. (if known Not Yet Assigned	ATTORNEY'S DOCKET NUMBER 09812.0046							
The following fees ha	CALCULATIONS	PTO Use						
21. 🛛 BASIC NATIONAL FI	EE (37 CFR 1.492(a)):		\$300.00		\$300.00	Only		
22. Examination fee (37C)	FR 1.492(c))				#300.00			
If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations								
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority								
		, 22 and 23 =			\$900.00			
Additional fee for specification listing in compliance electronic medium) (3 The fee is \$250 for each of the fee i								
Total Sheets	Extra Sheets	Number of each additional thereof (round up to a who		Rate				
230- 100 =	130	3		x \$250.00	\$750.00			
Surcharge of \$130.00 for furnishin commencement of the national sta	age (37 CFR 1.492(h)).		· · · · · · · · · · · · · · · · · · ·		\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE					
Total Claims	38 - 20 =	· · · · · · · · · · · · · · · · · · ·	x \$50.0		\$900.00			
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MOLTIFLE DEFENDENT CLAIM	(S) (If applicable)		+\$360.0		\$0,00	-		
			L OF ABOVE CALC	ULATIONS =	\$2950.00			
Applicant claims small entity st	latus. See 37 CFR 1.27. Fee	s above are reduced by 1/2.		SUBTOTAL =	\$0.00 \$2950.00			
Processing fee of \$130.00 for furn	nishing the English translation	Later than 30 months from th			\$2950.00			
1.492(i)).				+				
				ONAL FEE =	\$2950.00	<u> </u>		
Fee for recording the enclosed as cover sheet (37 CFR 3.28, 3.31).	signment (37 CFR 1.21 (h)). \$40.00 per property.	The assignment must be acc	companied by an app	propriate +	\$0.00			
			TOTAL FEES E	NCLOSED =	\$2950.00			
					Amount to be refunded:	\$		
					charged:	\$		
a. A check in the amount of b. Please charge my Depo	of \$ <u>2950.00</u> to cover the above osit Account No.	re fees is enclosedin the amount of \$		to cover t	he above fees.			
A duplicate copy of this	sheet is enclosed.							
No. <u>06-0916</u> . A duplica	ereby authorized to charge an ate copy of this sheet is enclos	sed.	be required, or creak	any overpaym	ent to Deposit Accor	tnt		
d. Fees are to be charged on this form. Provide of	to a credit card. WARNING: credit card information and au	Information on this form may othorization on PTO-2038.	become public. Cre	dit card infor	mation should not l	e included		
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
Finnegan, Henderson, Farabow, (901 New York Avenue, N.W. Washington, DC 20001-4413	· · · · · · · · · · · · · · · · · · ·							
Washington, DC 20001-4413		David W.	Hill, Reg. No. 28,22			MARAGAN		
DATED: April 17, 2006			NAME/REGISTRA	TION NUMBER	Reg. No. 25			